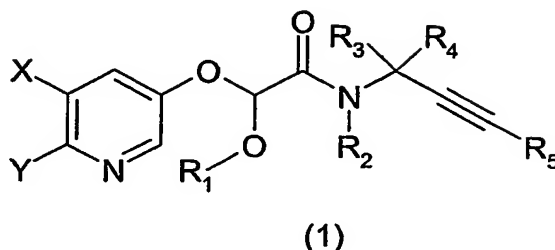


CLAIMS

1. A compound of the general formula (1):



or the corresponding pyridine N-oxide, wherein

X and Y are independently halo, C₁₋₄ alkyl, halo(C₁₋₄)alkyl, C₂₋₄ alkenyl, halo(C₂₋₄)alkenyl, C₂₋₄ alkynyl, halo(C₂₋₄)alkynyl, C₁₋₄ alkoxy, halo(C₁₋₄)alkoxy, -S(O)_n-(C₁₋₄)alkyl where n is 0, 1 or 2 and the alkyl group is optionally substituted with fluoro, -OSO₂(C₁₋₄)alkyl where the alkyl group is optionally substituted with fluoro, cyano, nitro, C₁₋₄ alkoxy, carbonyl, -CONR'R'', -COR', -NR'COR'', -NR'CO₂R''' where R' and R'' are independently H or C₁₋₄ alkyl and R''' is C₁₋₄ alkyl, or optionally substituted phenyl, or Y is H;

R₁ is a straight-chain C₁₋₄ alkyl group;

R₂ is H, C₁₋₄ alkyl, C₁₋₄ alkoxymethyl or benzyloxymethyl in which the phenyl ring of the benzyl moiety is optionally substituted with C₁₋₄ alkoxy;

R₃ and R₄ are independently H, C₁₋₃ alkyl, C₂₋₃ alkenyl or C₂₋₃ alkynyl provided that both are not H and that when both are other than H their combined total of carbon atoms does not exceed 4, or

R₃ and R₄ join with the carbon atom to which they are attached to form a 3 or 4 membered carbocyclic ring optionally containing one O, S or N atom and optionally substituted with halo or C₁₋₄ alkyl; and

R₅ is H, C₁₋₄ alkyl or C₃₋₆ cycloalkyl in which the alkyl or cycloalkyl group is optionally substituted with halo, hydroxy, C₁₋₆ alkoxy, cyano, C₁₋₄ alkylcarbonyloxy, aminocarbonyloxy, mono- or di(C₁₋₄)alkylaminocarbonyloxy, -S(O)_n(C₁₋₆)alkyl where n is 0, 1 or 2, triazolyl, tri(C₁₋₄)alkylsilyloxy, optionally substituted phenoxy, optionally substituted thienyloxy, optionally substituted benzyloxy or optionally substituted thienylmethoxy, or

R₅ is optionally substituted phenyl, optionally substituted thienyl or optionally

substituted benzyl, in which the optionally substituted phenyl and thienyl rings of the X, Y and R₅ values are optionally substituted with one, two or three substituents selected from halo, hydroxy, mercapto, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ alkoxy, C₂₋₄ alkenyloxy, C₂₋₄ alkynyloxy, halo(C₁₋₄)alkyl, halo(C₁₋₄)-alkoxy, C₁₋₄ alkylthio, halo(C₁₋₄)alkylthio, hydroxy(C₁₋₄)alkyl, C₁₋₄alkoxy(C₁₋₄)-alkyl, C₃₋₆ cycloalkyl, C₃₋₆ cycloalkyl(C₁₋₄)alkyl, phenoxy, benzyloxy, benzoyloxy, cyano, isocyano, thiocyanato, isothiocyanato, nitro, -NR^mRⁿ, -NHCOR^m, -NHCONR^mRⁿ, -CONR^mRⁿ, -SO₂R^m, -OSO₂R^m, -COR^m, -CR^m=NRⁿ or -N=CR^mRⁿ, in which R^m and Rⁿ are independently hydrogen, C₁₋₄ alkyl, halo-(C₁₋₄)alkyl, C₁₋₄ alkoxy, halo(C₁₋₄)alkoxy, C₁₋₄ alkylthio, C₃₋₆ cycloalkyl, C₃₋₆ cycloalkyl(C₁₋₄)alkyl, phenyl or benzyl, the phenyl and benzyl groups being optionally substituted with halogen, C₁₋₄ alkyl or C₁₋₄ alkoxy.

2. A compound according to claim 1 wherein X is chloro or bromo, and Y is H.
3. A compound according to claim 1 or 2 wherein R₁ is methyl, ethyl, *n*-propyl or *n*-butyl.
4. A compound according to any one of the preceding claims wherein R₁ is methyl or ethyl.
5. A compound according to any one of the preceding claims wherein R₂ is H.
6. A compound according to any one of the preceding claims wherein both R₃ and R₄ are methyl.
7. A compound according to any one of the preceding claims wherein R₅ is H, methyl, hydroxymethyl, methoxymethyl, 1-methoxyethyl, *tert*-butyldimethylsilyloxymethyl, 3-cyanopropyl, 3-(1,2,4-triazol-1-yl)propyl, 3-methylthiopropyl, 3-methanesulphinylpropyl or 3-methanesulphonylpropyl.

8. A compound according to claim 1 wherein X and Y are independently halo, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, optionally substituted phenyl, cyano, or -COR' where R' is H or C₁₋₄ alkyl, or Y is H;
 R₁ is a straight-chain C₁₋₄ alkyl group;
- 5 R₂ is H, C₁₋₄ alkyl, C₁₋₄ alkoxyethyl or benzyloxyethyl in which the phenyl ring of the benzyl moiety is optionally substituted with C₁₋₄ alkoxy;
 R₃ and R₄ are independently H, C₁₋₃ alkyl, C₂₋₃ alkenyl or C₂₋₃ alkynyl provided that both are not H and that when both are other than H their combined total of carbon atoms does not exceed 4, or
- 10 R₃ and R₄ join with the carbon atom to which they are attached to form a 3 or 4 membered carbocyclic ring optionally containing one O, S or N atom and optionally substituted with halo or C₁₋₄ alkyl; and
 R₅ is H, C₁₋₄ alkyl or C₃₋₆ cycloalkyl in which the alkyl or cycloalkyl group is optionally substituted with halo, hydroxy, C₁₋₆ alkoxy, C₁₋₆ alkylthio, cyano, C₁₋₄ alkylcarbonyloxy, aminocarbonyloxy or mono- or di(C₁₋₄)alkylaminocarbonyloxy,
- 15 tri(C₁₋₄)alkylsilyloxy, optionally substituted phenoxy, optionally substituted thienyloxy, optionally substituted benzyloxy or optionally substituted thienylmethoxy, or
 R₅ is optionally substituted phenyl, optionally substituted thienyl or optionally substituted benzyl;
- 20 in which the optionally substituted phenyl and thienyl rings of the X, Y and R₅ values are optionally substituted with one, two or three substituents selected from halo, hydroxy, mercapto, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ alkoxy, C₂₋₄ alkenyloxy, C₂₋₄ alkynyloxy, halo(C₁₋₄)alkyl, halo(C₁₋₄)alkoxy, C₁₋₄ alkylthio, halo(C₁₋₄)alkylthio, hydroxy(C₁₋₄)alkyl, C₁₋₄alkoxy(C₁₋₄)alkyl, C₃₋₆ cycloalkyl, C₃₋₆ cycloalkyl(C₁₋₄)alkyl, phenoxy, benzyloxy, benzoyloxy, cyano, isocyano, thiocyanato, isothiocyanato, nitro, -NR^mRⁿ, -NHCOR^m, -NHCONR^mRⁿ, -CONR^mRⁿ, -SO₂R^m, -OSO₂R^m, -COR^m, -CR^m=NRⁿ or -N=CR^mRⁿ, in which R^m and Rⁿ are independently hydrogen, C₁₋₄ alkyl, halo(C₁₋₄)alkyl, C₁₋₄ alkoxy, halo-
- 30 (C₁₋₄)alkoxy, C₁₋₄ alkylthio, C₃₋₆ cycloalkyl, C₃₋₆ cycloalkyl(C₁₋₄)alkyl, phenyl or benzyl, the phenyl and benzyl groups being optionally substituted with halogen, C₁₋₄ alkyl or C₁₋₄ alkoxy.

- 35 -

9. A compound according to claim 1 wherein X is chloro or bromo and Y is H; R₁ methyl, ethyl, n-propyl, n-butyl; R₂ is H; R₃ and R₄ are both methyl; and R₅ is H, methyl, hydroxymethyl, methoxymethyl, 1-methoxyethyl, tert-butyldimethylsilyloxymethyl, 3-methylthiopropyl, 3-methanesulphonylpropyl or 3-methanesulphonylpropyl.
10. A process for preparing a compound according to claim 1 as herein described.
11. A fungicidal composition comprising a fungicidally effective amount of a compound of formula (1) as defined in claim 1 and a suitable carrier or diluent therefor.
12. A method of combating or controlling phytopathogenic fungi which comprises applying a fungicidally effective amount of a compound of formula (1) as defined in claim 1 or a composition according to claim 11 to a plant, to a seed of a plant, to the locus of the plant or seed or to soil or any other plant growth medium.